Docket Number (Optional) Application Number Not Yet Assigned 14984.34

	INFO	RMATION DISCLOSUR Use several sheets if neces)			Beat Stamm et al.				
					Filing Date January 2		roup Art Unit	nt A na!	
				IIS PAT	ENT DOCUMENTS	0, 2004	NOT I	et Assigne	a
*EXAMINER	r	Τ		T	ENT DOCUMENTS	1		T	
INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	1	G DATE OPRIATE
EW	ι	6,088,041	7/11/2000	Ballard	et al.	345	467	6/27/19	97
EW	2	6,529,197	3/4/2003	Ballard	et al.	345	468	12/3/19	99
			<u> </u>						
				FOREIG	N PATENT DOCUMEN	NTS			_
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	YES	station
								ILS	NO
					 				
						ding Author, Title, D		•	
EW	:	HUMAN VISION AN Bernice E. Rogowitz, January 2000 Page 28-36	D ELECTRONIC Thrasyvoulos N. P	CIMAGINO Pappas	GV / RESOLUTIO	N AND BIT DEPT	H: HÓW MŪ	CH IS EN	OUGH?
EW	,	COMPUTER GRAPH REPRESENTATIONS Ariel Shamir and Ari	S OF FONTS	EXTRAC	TION OF TYPOGRA	APHIC ELEMENT	S FROM OU	TLINE	
EXAMINE	R	/Eric Woods/ (08	/16/2006)		DATE CONSIDERED	,		_	
EXAMINE	R: Initi:	al if citation considered, whether	r or not citation is in	n conforman	ce with MPEP Section 6	09; Draw line throu	th citation if not	in conform	ance and

not considered. Include copy of this form with next communication to applicant.

FEB 2 2 2006

EXPRESS MAIL LABEL NO.: EV 660 685 542 US

Form PTO-1449 FRAN Applicant:

Beat Stamm, et al.

Serial No.:

10/764,961

Filing Date:

January 26, 2004

Confirmation No.: 9335

For:

ITERATIVELY SOLVING CONSTRAINTS IN A FONT-HINTING

Sheet 1 of 2

Group: 2672

Att'y Docket No.: 14984.34

LANGUAGE

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner <u>Initial*</u>	Patent Number	Date	Name	Class	Sub Class	Filing Date
A1.	5,781,714	07/14/98	Collins, et al.	395	171	09/12/95
		U.S. Pate	ent Publications			
Examiner <u>Initial*</u>	Publication Number	Pub <u>Date</u>	Name	Class	Sub <u>Class</u>	Filing <u>Date</u>
A2.	2001/0002131	05/31/01	DeRose, et al.	345	423	01/09/01

Examiner: /E

/Eric Woods/ (08/16/2006)

Date Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPRESS MAIL LABEL NO.: EV 660 685 542 US

Form PTO-1449 Sheet 2 of 2

Applicant:

Beat Stamm, et al.

Serial No.:

10/764,961 January 26, 2004 Att'y Docket No.: 14984.34 Group: 2672

Filing Date:
Confirmation No.:

9335

For:

ITERATIVELY SOLVING CONSTRAINTS IN A FONT-HINTING

LANGUAGE

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

KCS000	00761	3V001.c	loc
--------	-------	---------	-----

Examiner:

Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 4

Applicant:

Beat Stamm, et al.

Serial No.: Filing Date: 10/764,961

January 26, 2004

Att'y Docket No.: 14984.34

Group: 2672

INTERACTIVELY SOLVING CONSTRAINTS IN A FONT-HINTING LANGUAGE For:

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

Examiner Initial*	Pat:/Serial Number	Date Filed/Issued	Class	Sub Class	Name
1	5,586,241	12/17/1996	395	167	Bauermeister et al.
<u>EW</u> 2	5,684,510	11/4/1997	345	143	Brassell et al.
3	6,456,305	09/24/2002	345	800	Qureshi et al.
4	5,715,473	02/03/1998	395	805	Reed
EW 5	5,754,873	05/19/1998	395	789	Nolan
<u>EW</u> 6	5,751,289	05/12/1998	345	419	Myers
7	5,854,855	12/29/1998	382	187	Errico et al.
8	5,898,439	04/27/1999	345	441	Takazawa
_ EW _9	5,949,435	09/07/1999	345	468	Brock et al.
<u>EW</u> 10	6,048,116	04/11/2000	400	76	Kumada
<u>EW</u> 11	6,452,597	08/24/1999	345	472	Goldberg et al.
<u>EW</u> 12	6,600,490	07/29/2003	345	472	Brock et al.
_ <u>EW</u> 13	6,803,913	10/12/2004	345	467	Fushiki et al.
EW_ 14	4,884,225	11/28/1989	364	559	Fogarty et al.
EW_15	5,539,841	07/23/1996	382	218	Huttenlocher et al.

Examiner: Date Considered: /Eric Woods/ (08/16/2006)

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EW 25 6,300,960

Sheet 2 of 4

Αŗ	p]	lie	CZ	u	nt:	
^	•	•	•	Ŧ		

Beat Stamm, et al.

Serial No.:

10/764,961

Att'y Docket No.: 14984.34

DeRose et al.

Outlan 1 to	10,701,501			1 titl j Doomet 1 to 11 17 0 11.5 1
Filing Date:	January 26, 2004			Group: 2672
For: INTERACTIV	ELY SOLVING CON	STRAINT	'S IN A	FONT-HINTING LANGUAGE
EW 16 6,037,949	03/14/2000	345	430	DeRose et al.
EW 17 6,373,489	04/16/2002	345	428	Lu et al.
18 6,441,846	08/27/2002	348	169	Carlbon et al.
19 6,778,698	08/17/2004	382	164	Prakash et al.
20 6,826,480	11/30/2004	702	3	Picone et al.
21 5,777,627	07/07/1998	345	469	Takazawa
22 6,992,671	01/31/2006	345	467	Corona
23 5,159,668	10/27/1992	395	151	Kaasila
EW 24 5,325,479	06/28/1994	395	151	Kaasila

345

474

10/09/2001

Examiner: Date Considered: /Eric Woods/ (08/16/2006)

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 3 of 4

Applicant:

Beat Stamm, et al.

Serial No.: Filing Date: 10/764,961

January 26, 2004

Att'y Docket No.: 14984.34

Group: 2672

For: INTERACTIVELY SOLVING CONSTRAINTS IN A FONT-HINTING LANGUAGE

U.S. Patent Publication Applications

Examiner <u>Initial*</u>	Pat./Serial Number	<u>Date</u>	Class	Sub Class	<u>Name</u>
_ <u>ew</u> 26	2001/0032029	02/20/2001	700	99	Kauffman
_ <u>EW</u> 27	2004/0109592	11/18/2003	382	128	Bankman et al.
<u>EW</u> 28	2004/0160444	02/19/2004	345	471	Salesin et al.
<u>EW</u> 29	2005/0100214	11/10/2003	382	179	Zhang et al.

Date Considered: Examiner: /Eric Woods/ (08/16/2006)

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

~Form PTO-1449 Sheet 4 of 4

Applicant:

Beat Stamm, et al.

Serial No.: Filing Date: 10/764,961

January 26, 2004

Att'y Docket No.: 14984.34

Group: 2672

INTERACTIVELY SOLVING CONSTRAINTS IN A FONT-HINTING LANGUAGE

References Cited by Applicants

The Examiner responsible for this case or one of the above-referenced cases of this IDS (Serial Nos. 10/764,745, 10/764,961, 10/764,787, 10/764,622) (Attorney docket nos. 14984.33, 34, 35 and 36) has indicated that these co-pending applications might be materially relevant for patentability and therefore need to be referenced in each of the other cases. To comply with the Examiner's requests, and out of an abundance of caution, we are referencing the art discovered in each of these cases in this corresponding IDS. It will be noted, however, that we do not necessarily agree with the Examiner that the above-identified co-pending applications are materially relevant for patentability inasmuch as they were filed on the same day and are not, therefore, prior art and because they do not present patentably indistinct claims. Nevertheless, out of an abundance of caution, these references are being submitted.

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

PPA0000002993V001

Examiner:	Date Considered:

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 Sheet 1 of 4

Applicant:

Beat Stamm, et al.

Serial No.: Filing Date:

10/764,961

January 26, 2004

Att'y Docket No.: 14984.34

Group: 2672

CT ANGUACE

For: ITERATIVELY SOLVING CONTSTRAINTS IN A FONT-HINTING LANGUAGE

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

SEP 2 7 2005

U.S. Patent Documents

Examiner Initial*	Pat./Serial Number	Date Filed/Issued	Class	Sub <u>Class</u>	<u>Name</u>
EW_ 1	10/764,745	01/26/2004			Beat Stamm, et al.
<u>EW</u> _2	10/764,787	01/26/2004			Beat Stamm, et al.
3	10/764,622	01/26/2004			Beat Stamm, et al.
4	5,500,927	03/19/1996	395	133	Sander-Cederlof, et al.
5	5,760,787	06/2/1998	345	442	Piper
6	4,696,707	09/29/1987	156	64	Lewis, et al.
7	5,319,358	06/07/1994	345	141	Martinez, et al.
8	6,714,679 B1	03/30/2004	382	199	Scola, et al.
_ EW 9	5,155,805	10/13/0992	395	151	Kaasila

Examiner: /Eric Woods/ (08/16/2006) Date Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 2 of 4

Applicant:

Beat Stamm, et al.

Serial No.: Filing Date: 10/764,961

January 26, 2004

Att'y Docket No.: 14984.34

Group: 2672

For: ITERATIVELY SOLVING CONTSTRAINTS IN A FONT-HINTING LANGUAGE

U.S. Patent Publication Applications

Sub Examiner Pat./Serial Date Initial* Number Filed/Issued Class Class Name 10 2001/0048764 A1 07/30/99 Betrisey, et al.

Date Considered: Examiner: /Eric Woods/ (08/16/2006)

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant:

Beat Stamm, et al.

Serial No.:

10/764,961

Att'y Docket No.: 14984.34

Filing Date:

January 26, 2004

Group: 2672

Sheet 3 of 4

For: ITERATIVELY SOLVING CONTSTRAINTS IN A FONT-HINTING LANGUAGE

Other Documents

(including author, title, pertinent pages, etc.)

Examiner <u>Initial</u> *	
<u>EW</u> 11	Riccardo Di Federico, Mario Raffin, Paola Carrai, Giovanni Ramponi. Image Processing: Algorithms and Systems Il Interpolation of Images Containing Text For Digital Displays, Proceedings of Electronic Imaging Science and Technology, 2003, pp. 42-53
EW	
12	Garcia, Dan. Discussion Section 3 Scan Conversion Distillations. Published approximately Spring-Fall 1998, pp. 1-2.
13	Foley, James et al. Computer Graphics: Principles and Practice. 2 nd Edition in C. Addison-Wesley Publishing Company, New York, 1996. various pages.
14	Designing Multiple Master Typefaces. Adobe Systems Incorporated. 1995, 1997
15	Type 1 Font Format Supplement. Adobe Developer Support, Technical Specification #5015. Adobe Systems Incorporated, May 15, 1994.

References Cited by Applicants

The Examiner responsible for this case or one of the above-referenced cases of this IDS (Serial Nos. 10/764,745, 10/764,961, 10/764,787, 10/764,622) (Attorney docket nos. 14984.33, 34, 35 and 36) has indicated that these co-pending applications might be materially relevant for patentability and therefore need to be referenced in each of the other cases. To comply with the Examiner's requests, and out of an abundance of caution, we are referencing each of the foregoing applications and the art discovered in each of these cases in this corresponding IDS. It will be noted, however, that we do not necessarily agree with the Examiner that the above-identified co-pending applications are materially relevant for patentability inasmuch as they were filed on the same day and are not, therefore, prior art and because they do not present patentably

Examiner:	/Eric Woods/	(08/16/2006)	Date Considered:
*EXAMINE	R: Initial if refere	ence considered,	whether or not citation is in conformance with
MPEP 609, d	raw line through c	itation if not in c	onformance and not considered. Include copy o

this form with next communication to applicant.

Form PTO-1449 Sheet 4 of 4

Applicant:

Beat Stamm, et al.

Serial No.:

10/764,961

Att'y Docket No.: 14984.34

Filing Date:

January 26, 2004

Group: 2672

For: ITERATIVELY SOLVING CONTSTRAINTS IN A FONT-HINTING LANGUAGE indistinct claims. Nevertheless, out of an abundance of caution, these references are being submitted.

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

PPA0000001105V001

Examiner:	Date (Considered:

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.